

RECEIVED

10/24/16



Arizona Department of Water Resources
 Information Management Unit
 PO Box 36020 • Phoenix, Arizona 85067-36020
 (602) 771-8527 • 602-771-8500

SEP 19 2016

ADWR

Well Driller Report and Well Log

THIS REPORT MUST BE FILED WITHIN 30 DAYS OF COMPLETING THE WELL.

PLEASE PRINT CLEARLY USING BLACK OR BLUE INK

FILE NUMBER

D(19-32) 21 CCC

WELL REGISTRATION NUMBER

55 - 226311

PERMIT NUMBER (IF ISSUED)

SECTION 1. DRILLING AUTHORIZATION

Drilling Firm

Mail To:

NAME

TIERRA CORROSION CONTROL, INC.

DWR LICENSE NUMBER

849

ADDRESS

1608 SCHOFIELD LANE

TELEPHONE NUMBER

505-326-0272

CITY / STATE / ZIP

FARMINGTON, NM, 87401

FAX

SECTION 1. REGISTRY INFORMATION

Well Owner

FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL

EL PASO NATURAL GAS CO LLC

Location of Well

WELL LOCATION ADDRESS (IF ANY)

CPS 2213

MAILING ADDRESS

5151 E. BROADWAY BLVD, STE 1680

TOWNSHIP (N/S)

19S

RANGE (E/W)

32E

SECTION

21

160 ACRE

SW 1/4

40 ACRE

SW 1/4

10 ACRE

SW 1/4

CITY / STATE / ZIP

TUCSON, AZ, 85711

LATITUDE

°

°

LONGITUDE

°

°

°W

CONTACT PERSON NAME AND TITLE

METHOD OF LATITUDE/LONGITUDE (CHECK ONE)

☐ USGS Quad Map☐ Conventional Survey☐ *GPS: Hand-Held☐ *GPS: Survey-Grade

TELEPHONE NUMBER

520 663-4223

FAX

LAND SURFACE ELEVATION AT WELL

Feet Above Sea Level

WELL NAME (e.g., MW-1, PZ-3, lot 25 Well, Smith Well, etc.)

CPS 2213

METHOD OF ELEVATION (CHECK ONE)

☐ USGS Quad Map☐ Conventional Survey☐ *GPS: Hand-Held☐ *GPS: Survey-Grade

*IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE)

☐ NAD-83☐ Other (please specify)

COUNTY

Cochise

ASSESSOR'S PARCEL ID NUMBER (MOST RECENT)

BOOK

402

MAP

53

PARCEL

016

SECTION 3. WELL CONSTRUCTION DETAILS

Drilling Method

CHECK ONE

☐ Air Rotary☐ Bored or Augered☐ Cable Tool☐ Dual Rotary☒ Mud Rotary☐ Reverse Circulation☐ Driven☐ Jetted☐ Air Percussion / Odex Tubing☐ Other (please specify)

Method of Well Development

CHECK ONE

☐ Airlift☐ Bail☐ Surge Block☐ Surge Pump☒ Other (please specify)

Cathodic Protection

Condition of Well

CHECK ONE

☐ Capped☐ Pump Installed

N/A

Method of Sealing at Reduction Points

CHECK ONE

☐ None☐ Packed☐ Swedged☐ Welded☐ Other (please specify)

N/A

Construction Dates

DATE WELL CONSTRUCTION STARTED

9/5/16

DATE WELL CONSTRUCTION COMPLETED

9/9/16

I state that this notice is filed in compliance with A.R.S. § 45-596 and is complete and correct to the best of my knowledge and belief.

SIGNATURE OF QUALIFYING PARTY

DATE

9/14/16

55 - 226311

Feet Below Land Surface

☐ Other:

SIZE

Well Driller Report and Well Log

WELL REGISTRATION NUMBER

55 - 226311

SECTION 5. GEOLOGIC LOG OF WELL

[illegible]

SECTION 6. WELL SITE PLAN

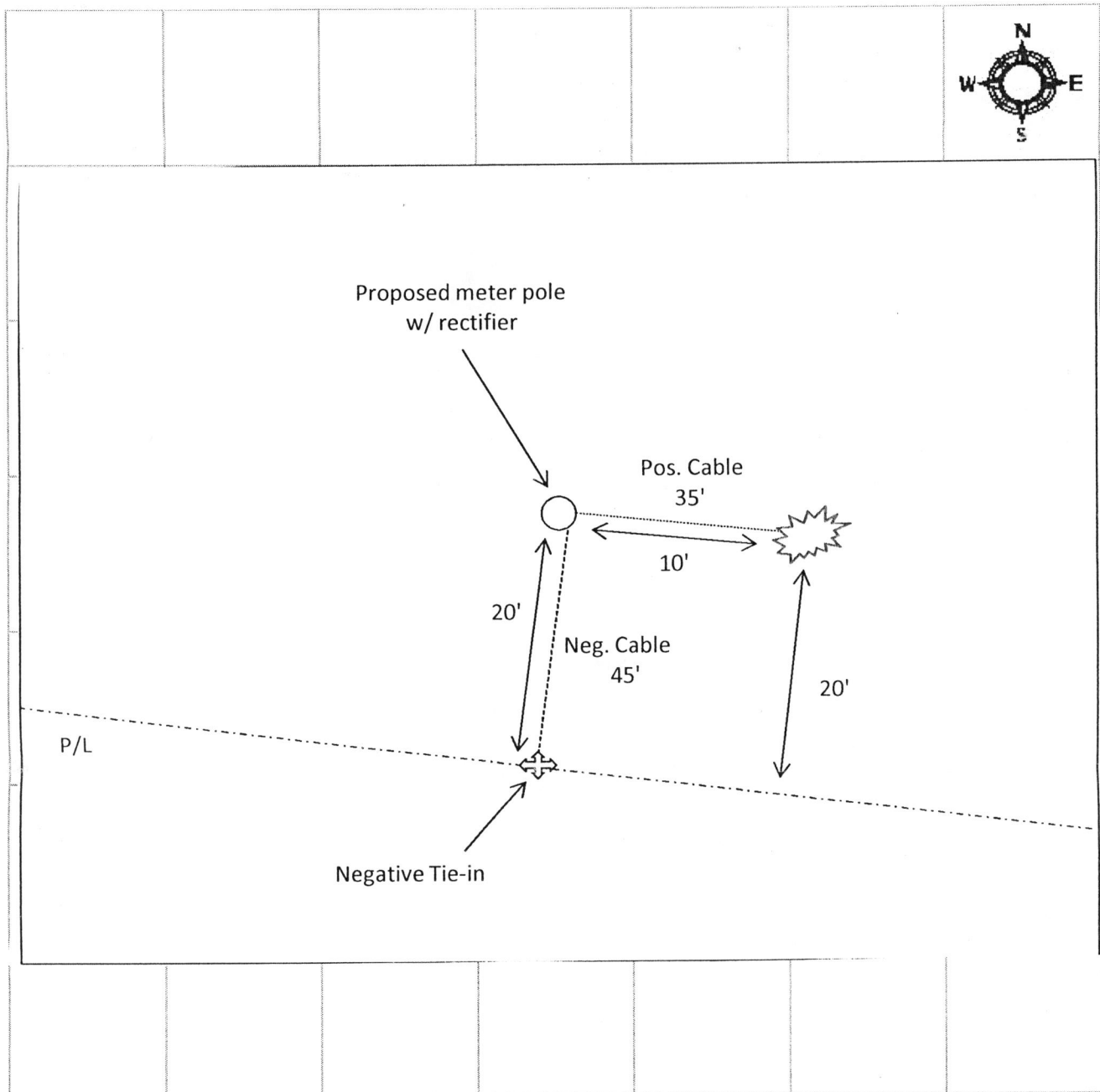
NAME OF WELL OWNER

EL PASO NATURAL GAS CO LLC

COUNTY ASSESSOR'S PARCEL ID NUMBER (MOST RECENT)

BOOK
402MAP
53PARCEL
016

- ❖ Please draw the following: (1) the boundaries of property on which the well was located; (2) the well location; (3) the locations of all septic tank systems and sewer systems on the property or within 100 feet of the well location, even if on neighboring properties; and (4) any permanent structures on the property that may aid in locating the well.
- ❖ Please indicate the distance between the well location and any septic tank system or sewer system.



Run Date: 08/16/2016

AZ DEPARTMENT OF WATER RESOURCES

WELL REGISTRY REPORT - WELLS55

Location	D 19.0 32.0 21 C C C	Well Reg.No	55 - 226311	AMA	NOT WITHIN ANY AMA OR INA
----------	----------------------	-------------	-------------	-----	---------------------------

Registered Name	EL PASO NATURAL GAS CO LLC 5151 E. BROADWAY BLVD, STE 1680 TUCSON AZ 85711	File Type	NEW WELLS (INTENTS OR APPLICATIONS)
		Application/Issue Date	08/16/2016

Owner	OWNER	Well Type	SPCL - CATHODIC PROTECTION
Driller No.	849	SubBasin	SAN SIMON VALLEY
Driller Name	TIERRA CORROSION CONTROL, INC.	Watershed	UPPER GILA RIVER
Driller Phone	505-326-0272	Registered Water Uses	NO WATER USE
County	COCHISE	Registered Well Uses	CATHODIC PROTECTION
Parcel No.	402-53-016	Discharge Method	NO DISCHARGE METHOD LISTED
Intended Capacity GPM	0.00	Power	NO POWER CODE LISTED

Well Depth	0.00	Case Diam	0.00	Tested Cap	0.00
Pump Cap.	0.00	Case Depth	0.00	CRT	
Draw Down	0.00	Water Level	0.00	Log	
		Acres Irrig	0.00	Finish	NO CASING CODE LISTED

Contamination Site: NO - NOT IN ANY REMEDIAL ACTION SITE

Tribe: GRIC Maintenance area

Comments KC-Variance for thermoplastic casing and above ground steel cage.

Current Action

8/16/2016 555 DRILLER & OWNER PACKETS MAILED
Action Comment: kc

Action History

8/16/2016 550 DRILLING AUTHORITY ISSUED
Action Comment: kc

8/11/2016 221 VARIANCE REQUEST GRANTED
Action Comment: kc

8/9/2016 155 NOI RECEIVED FOR A NEW NON-PRODUCTION WELL
Action Comment: kc

8/9/2016 220 VARIANCE REQUEST RECEIVED
Action Comment: kc

ARIZONA DEPARTMENT OF WATER RESOURCES
1110 W. Washington St. Suite 310
Phoenix, Arizona 85007

VARIANCE GRANTED

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILLING OPERATIONS

WELL REGISTRATION NO: **55-226311**

AUTHORIZED DRILLER: **TIERRA CORROSION CONTROL, INC.**

LICENSE NO: **849**

NOTICE OF INTENTION TO DRILL SPCL - CATHODIC PROTECTION WELL(S) HAS BEEN FILED WITH THE DEPARTMENT BY:

WELL OWNER: **EL PASO NATURAL GAS CO LLC 5151 E. BROADWAY BLVD, STE 1680 TUCSON, AZ, 85711**

THE WELL(S) IS/ARE TO BE LOCATED IN THE:

SW 1/4 of the SW 1/4 of the SW 1/4 Section 21 Township 19.0 SOUTH Range 32.0 EAST

NO. OF WELLS IN THIS PROJECT: **1**

ASSESSOR'S PARCEL NO: **402-53-016**

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE DAY OF **August 10, 2017**

Sella Munillo

GROUNDWATER PERMITTING AND WELLS

THE DRILLER MUST FILE A LOG OF THE WELL WITHIN 30 DAYS OF COMPLETION OF DRILLING.



ARIZONA DEPARTMENT of WATER RESOURCES

1110 W. Washington St. Suite 310
Phoenix, Arizona 85007
602-771-8500
azwater.gov

8/16/2016

EL PASO NATURAL GAS CO LLC
5151 E. BROADWAY BLVD, STE 1680
TUCSON, AZ 85711

Registration No.: 55- 226311
File Number: D(19-32) 21 CCC

Dear Well Applicant:

Enclosed is a copy of the Notice of Intention to Drill and Abandon (NOI) an Exploration/Specialty Well which you or your driller recently filed with the Department of Water Resources. This letter is to inform you that the Department has approved the NOI and has mailed, or made available for download, a drilling authorization card to your designated well drilling contractor. The driller may not begin drilling until he/she has received the authorization, and must keep it in their possession at the well site during drilling.

Well drilling activities must be completed within one year after the date the NOI was filed with the Department. If drilling is not completed within one year, a new NOI must be filed and authorization from this Department received before proceeding with drilling. If the well cannot be successfully completed as initially intended (dry hole, cave in, lost tools, etc.), the well must be properly abandoned and a Well Abandonment Completion Report must be filed by your driller [as required by A.A.C. R12-15-816(F)].

If you change drillers, you must notify the Department of the new driller's identity on a Request to Change Well Information (form 55-71A). Please ensure that the new driller is licensed by the Department to drill the type of well you require. A new driller may not begin drilling until he/she receives a new drilling authorization card from the Department.

If you find it necessary to change the location of the proposed well(s), you may not proceed with drilling until you file an amended NOI with the Department. An amended drilling authorization card will then be issued to the well drilling contractor, which must be in their possession before drilling begins.

State statute requires the drilling contractor to file a complete and accurate Well Drillers Report and Well Log (form 55-55) within 30 days after completion of drilling. A Well Abandonment Completion Report (form 55-58) must also be completed by the drilling contractor for geotechnical wells that are drilled and abandoned. Blank report forms were provided to your driller with the drilling authorization card. If a well must be abandoned during the drilling, a Well Abandonment Completion Report (form 55-58) must be completed and submitted to the Department. You should insist and ensure that all of the required reports are accurately completed and timely filed with the Department.

Please be advised that Arizona statute [A.R.S. § 45-593(C)] requires a registered well owner to notify the Department of a change in ownership of the well and/or information pertaining to the physical characteristics of the well in order to keep this well registration file current and accurate. Any change in well information or a request to change well driller must be filed on a Request to Change Well Information form (form 55-71A) that may be downloaded from the ADWR Internet website at www.azwater.gov.

Sincerely,



Groundwater Permitting and Wells Section



DOUGLAS A. DUCEY
Governor

THOMAS BUSCHATZKE
Director



Arizona Department of Water Resources
 Water Management Division
 P.O. Box 36020 Phoenix, Arizona 85067-6020
 (602) 771-8500 • (602) 771-8690
 • www.azwater.gov

AUG 09 2016

ADWR

**Notice of Intent to
 Drill and Abandon an
 Exploration / Specialty Well**

\$150 FEE

- ❖ Review instructions prior to completing form in black or blue ink.
 - ❖ You must include with your Notice:
 - \$150 check or money order for the filing fee. Only one Notice of Intent to Drill is required for all wells that are drilled by or for the same person to obtain geophysical, mineralogical or geotechnical data within a single section of land.
 - Well construction diagram showing all proposed well construction features listed in Section 5 and the proposed abandonment specifications listed in Section 6.
 - ❖ Authority for fee: A.R.S. § 45-113 and A.A.C. 12-15-104
- ** PLEASE PRINT CLEARLY ****

AMA / INA —	B SAF	SB 62
RECEIVED 8-9-2016	DATE 8-9-2016	WS 08
ISSUED 8-16-2016	DATE 8-16-2016	WQARF —
		CERCLA —

FILE NUMBER D(19-32)21CCC
WELL REGISTRATION NUMBER 55 - 226311

SECTION 1. REGISTRY INFORMATION

Well Type	Location of Well						
CHECK ONE <input type="checkbox"/> Mineral Exploration <input type="checkbox"/> Geotechnical <input type="checkbox"/> Heat Pump <input checked="" type="checkbox"/> Cathodic Protection <input type="checkbox"/> Grounding <input type="checkbox"/> Other (please specify): <p style="text-align: center;">Cochise</p>	WELL LOCATION ADDRESS (IF ANY) Cochise Co. Parcel# 402-53-0160 EPNG Line 1004 @ MP183+2682 CPS No.2213)						
	TOWNSHIP (N/S)	RANGE (E/W)	SECTION	160 ACRE	40 ACRE	10 ACRE	Number of Wells (holes) per 10-acre location
	19S	32E	21	SW 1/4	SW 1/4	SW 1/4	1
	Use additional boxes to the right to list 160,40,10 acre descriptions for multiple wells drilled to obtain geophysical or geotechnical data on different 10-acre parcels within a single section of land (160, 40, 10 acre descriptions are not required for mineralogical exploration wells).			1/4	1/4	1/4	
				1/4	1/4	1/4	
				1/4	1/4	1/4	
				1/4	1/4	1/4	
				1/4	1/4	1/4	

SECTION 2. OWNER INFORMATION

Well Owner	Landowner (if different from Well Owner)	
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL El Paso Natural Gas Co LLC	FULL NAME OF COMPANY, GOVERNMENT AGENCY, OR INDIVIDUAL Clout Partnership, GP	
MAILING ADDRESS 5151 E. Broadway Blvd, Ste 1680	MAILING ADDRESS P.O. Box 14	
CITY / STATE / ZIP CODE Tucson, AZ 85711	CITY / STATE / ZIP CODE Rodeo, NM 88056	
CONTACT PERSON NAME AND TITLE Kelley Sims, Senior Land Agent	CONTACT PERSON NAME AND TITLE unknown	
TELEPHONE NUMBER (520) 663-4223	FAX (520) 663-4259	TELEPHONE NUMBER FAX

SECTION 3. DRILLING AUTHORIZATION

Drilling Firm	Consultant (if applicable)	
NAME Tierra Corrosion Control, Inc.	CONSULTING FIRM	
DWR LICENSE NUMBER 849	ROC LICENSE CATEGORY A-4	CONTACT PERSON NAME
TELEPHONE NUMBER 505-320-0272	FAX 505-320-0755	TELEPHONE NUMBER FAX
E-MAIL ADDRESS		

SECTION 4.

Questions	Yes	No	If Yes:
1. Is the proposed well site within 100 feet of a septic tank system, sewer disposal area, landfill, hazardous materials or petroleum storage area or tank?		✓	You must submit a letter requesting a variance from the 100-foot setback requirement (A.A.C. R12-15-818). However, if the proposed well is a geotechnical well that will be abandoned before the drill rig leaves the well site, a variance may be requested by simply checking the box below. <input type="checkbox"/> I request a variance from the 100-foot setback requirement for a geotechnical well.
2. If applicable, are you requesting a variance to use thermoplastic casing in lieu of steel in the surface seal?	✓		The wells must be constructed in a vault as defined in A.A.C. R12-15-801(27).
3. Is there another well name or identification number associated with this well? (e.g., Silver Well #1, CP-2, etc.)	XX		PLEASE STATE EPNG CPS No. 2213

Notice of Intent to Drill and Abandon an *Exploration / Specialty Well*

Provide a well construction diagram showing all existing well construction features listed in Section 5 and the proposed abandonment specifications listed in Section 6. Please submit additional sheets (page 2) and additional well construction diagrams if multiple wells are to be drilled and construction or abandonment details vary.

WELL REGISTRATION NUMBER

55 - 226 311

SECTION 5. PROPOSED WELL CONSTRUCTION PLAN (attach additional page if needed)

DATE CONSTRUCTION TO BEGIN

** Required Information **

Borehole			Casing (if applicable)													
DEPTH FROM SURFACE		BOREHOLE DIAMETER (inches)	DEPTH FROM SURFACE		OUTER DIAMETER (inches)	MATERIAL TYPE (T)				PERFORATION TYPE (I)					SLOT SIZE IF ANY (inches)	
FROM (feet)	TO (feet)		FROM (feet)	TO (feet)		STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED		IF OTHER TYPE, DESCRIBE
0'	100'	12"	0'	100'	8"		✓									
100'	500'	8"														

Annular Material												
DEPTH FROM SURFACE		ANNULAR MATERIAL TYPE (T)								FILTER PACK		
FROM (feet)	TO (feet)	NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	BENTONITE			IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE	SAND	GRAVEL	SIZE
						GROUT	CHIPS	PELLETS				
0'	100'			✓								
100'	500'								Anodes + Coke Breeze			

SECTION 6. PROPOSED WELL ABANDONMENT DESIGN (Refer to ADWR'S Well Abandonment Handbook for additional information.)

DEPTH FROM SURFACE		Casing Treatment (if applicable)				DEPTH FROM SURFACE		Sealing or Fill Material										
FROM (feet)	TO (feet)	TYPE (I)				FROM (feet)	TO (feet)	GROUT TYPE (I)								SAND	MIXING RATIO by (check one) <input type="checkbox"/> Weight <input type="checkbox"/> Volume	ESTIMATE D VOLUME OF MATERIAL (cubic feet)
		SONAR JET	BRUSH OR SCRAPE	MILLS KNIFE	CASING REMOVAL (explain in Remarks)			IF OTHER TYPE, DESCRIBE OR IF CASING IS TO BE PERFORATED, DESCRIBE SPACING AND SIZE OF PERFORATIONS TO BE ADDED	NEAT CEMENT	CONCRETE	SAND-CEMENT GROUT	CEMENT-BENTONITE GROUT	SAND-BENTONITE GROUT	HIGH SOLIDS BENTONITE	GROUT			
						at later date												

Proposed Abandonment Method (See Well Abandonment Handbook)

CHECK ONE

☐ Standard Method

☐ Alternative 1

☐ Alternative 2

☐ Alternative 3

☐ Alternative 4:

☐ Variance Option *

☐ Alternative 5:

☐ Variance Option 1*

☐ Variance Option 2*

☒ Other (please specify):

* requires a letter requesting a variance

Emplacement Method of Sealing or Fill Material

CHECK ONE

☐ Gravity

☐ Pressure Grouting

☒ Tremie Pumped

☐ Other (please specify):

REMARKS

I state that this notice is filed in compliance with A.R.S. § 45-596 and is complete and correct to the best of my knowledge and belief.

TYPE OR PRINT NAME AND TITLE

Gives Barry - Project Manager

SIGNATURE OF WELL OWNER OR EXPLORATION FIRM

DATE

8/5/10

SIGNATURE OF LANDOWNER, IF APPLICABLE (SEE INSTRUCTIONS)

DATE



August 5, 2016

Arizona Department of Water Resources
Water Management Division
P.O. Box 36020
Phoenix, AZ 85067-6020

Re: Request for Variance- CPS 2213

To Whom It May Concern:

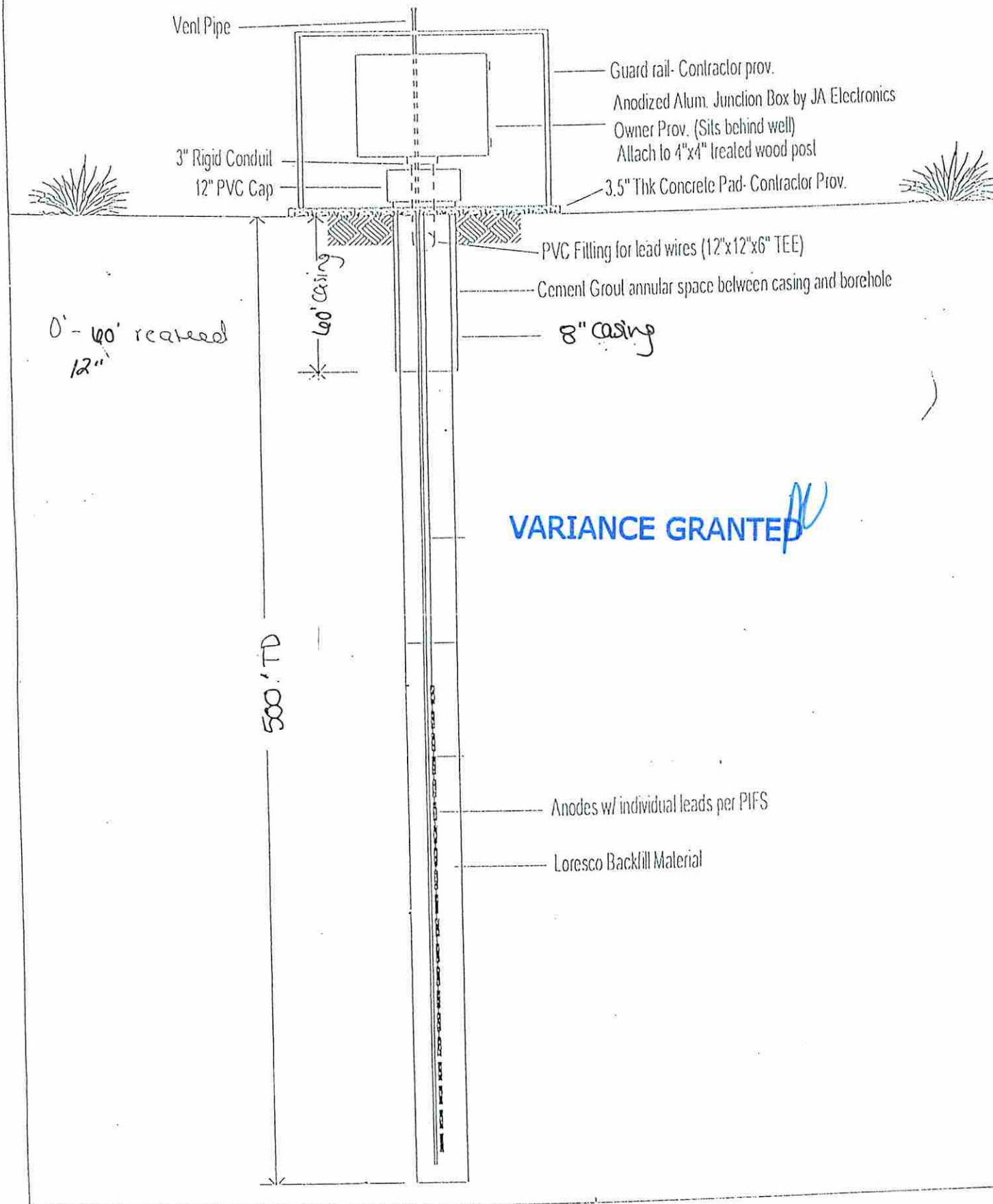
In accordance with the minimum construction requirement Standard R12-15-811-B, we request a variance be allowed to use thermoplastic casing instead of steel. By utilizing thermoplastic casing, the pipe functions as an electrical insulator and will not deteriorate as the cathodic protection well operates. If a steel casing were used, the casing could become part of the electrical circuit and rapidly deteriorate. The cementing/grouting completion of the thermoplastic casing achieves the surface seal as required. A diagram is attached.

Sincerely,

Alysa Benson
Manager
505-326-0272

alysa@tierracorrosion.net

INSTALLATION DETAIL - Deep Ground Bed



ADDRESS ONLY THE COMMISSIONER OF THE GENERAL LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
WASHINGTON

IN REPLY PLEASE REFER TO

Phoenix 069683 "P" ECD

: Transmitting copy
: of approved map.

Register,

Phoenix, Arizona.

Sir:

On September 8, 1951, the Department approved a map submitted by the Western Gas Company in connection with its application 069683 for a pipe line right of way, the application having been filed pursuant to the act of February 25, 1920 (41 Stat. 437).

A copy of the approved map is herewith transmitted. Advise the company of the approval.

Very respectfully,

Commissioner.

9-16-emr

RECEIVED
U. S. LAND OFFICE
PHOENIX, ARIZONA

CERTIFICATE OF COMPLETION

PUBLIC DOMAIN IN ARIZONA

JAN 18 1932

HOUR

State of Texas
County of El Paso

By

067683

W. L. Hall Being duly sworn says he is the
Chief Engineer of the WESTERN GAS COMPANY; that the
natural gas pipe line has been constructed under his
supervision as follows:

Beginning at engineers survey station 2494.4
on the north line of the SE 1/4 - Sec 21 - T 25 S -
R 25 E - A. P. M. at a point 1134.3 feet east from the west
line of said Sec 21, as shown on Right of Way Application
Map G-12; thence running southwesterly and westerly to
engineers survey station 2534.7 on the west line of
said Sec 21 at a point 533.5 feet north from the south-
west corner said Sec 21, a total distance of 0.55 miles,
as shown on said Right of Way Application Map G-12.

Beginning at engineers survey station 4286.4
on the north line of Sec 11 - T 25 S - R 25 E -
A. P. M. at a point 704.9 feet east from the northeast
corner said Sec 11, as shown on Right of Way Application
Map G-12; thence running southwesterly to engineers
survey station 4324.0 on the south line of the NE 1/4 -
said Sec 11 at a point 1829.7 feet east from the west
corner said Sec 11, a total distance of 0.74 miles, as
shown on said Right of Way Application Map G-12.

Beginning at engineers survey station 5420.4
on the north line of fractional Sec 23 - T 24 S - R 25 E -
A. P. M. at a point 1074 feet east from the northwest
corner said Sec 23, thence running westerly as shown on
Right of Way Application Map G-12 and on Amended Right of
Way Application Map G-12-A to engineers survey station
5530.54 on the west line of the SE 1/4 SW 1/4 - Sec 17 -
T 24 S - R 25 E - A. P. M. at a point 147.3 feet north
from the southwest corner said SE 1/4 SW 1/4 said Sec 17, a
total distance of 3.05 miles as shown on said Right of Way
Application Maps G-12 and G-12-A.

Beginning at engineers survey station 0+00
being equal to and the same as engineers survey station
5544.79.5 of the main line of the WESTERN GAS COMPANY
pipe line located as shown on Amended Right of Way
Application Map G-12-A, in the fractional NE 1/4 NW 1/4 -

2
Sep 30 - 4 24 S - R 25 E - A. P. M., thence running southeasterly to engineers survey station 048B on the International Boundary between the United States and Mexico at a point 48 feet westerly from International Boundary Monument number 90, as shown on Amended Right of Way Application Map G-124A.

That construction was started on the first day of February, 1951 and completed on the first day of July, 1951; and that the constructed natural gas pipeline conforms to the maps and field notes which received the approval of the Secretary of the Interior on the eighth day of September, 1951 and map G-124A, an amended location, filed herewith.

[Signature]
Subscribed and sworn to before me this 23 day of Jan 1952

[Signature]
Notary public in and for El Paso County, Texas.

(A.C. Martel)
Notary Public in and for El Paso County, Texas

I, H.G. FROST, do hereby certify that I am the Vice-President of the WESTERN GAS COMPANY, and that the following is a true list of the Officers of said Company with the name and designation of each to wit:

PAUL KAYSER - President
H. G. FROST - Vice-President
M. J. CROWLEY - Secretary
M. J. CROWLEY - Treasurer

H.G. Frost

subscribed and sworn to before me this 10th day of Feb, 1931

A.C. Martel
Notary Public in and for El Paso County, Texas

DEPARTMENT OF THE INTERIOR

Sept 8, 1931

Pursuant to the provisions of the Act of February 25, 1920 (41 Stat. 437), and the regulations thereunder, this map is approved subject to the condition that the pipe line shall be constructed, operated and maintained as a common carrier and that the use of such pipe line for the transportation of oil or gas shall be limited to oil or gas produced in conformity with State and, or Federal laws, including laws prohibiting waste; and further subject to all valid existing rights but reserving rights of way for ditches or canals constructed by the authority of the United States.

(sgd) John H. Edwards
Assistant Secretary.

State of Texas,
County of El Paso,

W. X. HULL, being duly sworn, says he is the Chief Engineer of the WESTERN GAS COMPANY to locate the Gas pipe line hereon delineated; that the location of the line of route of said line from sta. 2494+88² a point on the north line of the 5 1/2 SW 1/4, Sec. 21, T19S, R32E, A.P.M. distant 1334² feet west to the intersection of said north line with the west boundary of said Sec. 21, thence running in a southwesterly direction to sta. 2513+76² a point on the west boundary of said Sec. 21, distant 533² feet south to the S.W. corner of said Sec. 21; thence commencing at sta. 4286+93² a point on the north boundary of Sec. 11, T23S, R28E, A.P.M. distant 704² feet N89°50'E to the N.E. corner of said Sec. 11 and running S45°13'W to sta. 4325+09² a point on the E-W quarter section line of said Sec. 11, distant 1829² feet west to the west quarter corner of said Sec. 11; thence commencing at sta. 5420+65² a point on the north boundary of Sec. 23, T24S, R25E, A.P.M. distant 1074² feet west to the N.W. corner of said Sec. 23 and running in a westerly direction to sta. 5580+54² a point on the west line of the S.E. 1/4 SW 1/4 of Sec. 17, T24S, R25E, A.P.M. distant 1473 feet S0°10'E to the intersection of said west line with the south boundary of said Sec. 17; a total distance of 4 1/100 miles was made under his direction as Chief Engineer employed by the WESTERN GAS COMPANY and under its authority commencing on the 17th day of July and ending on the 12th day of August A.D. 1930 and that such survey is accurately represented on the accompanying map.

W. X. Hull

subscribed and sworn to before me this 9th day of Feb. 1931

A.C. Martel
Notary Public in and for El Paso County, Texas

Barry, Gregory J

From: Barry, Gregory J
Sent: Tuesday, December 23, 2014 12:16 PM
To: 'Kevin J. Crego'
Subject: NOI Cathodic Protection wells
Attachments: Eg-rail.jpg

Kevin.

The above ground appurtenances for the cathodic protection wells include:

- A PVC cap placed over the casing. Rises above ground approximately 12"-24" The 1" vent pipe extends through the PVC cap.
- A guard rail is installed. The guard rail consists of 2" square steel tubing, one rail on top and one rail midway, total height approximately 36". The rail is installed just outside the concrete pad, L = 5', W=5'. The guard rail is painted white.
- A 4.5' x4.5'x4" THK concrete pad is poured around the well
- The junction box is attached to a strut or post and is located approximately 12" behind the well. The mounting post for the junction box is embedded in the concrete. Conduits run from the junction box underground to the Rectifier.

I have attached a photo of a typical installation. Please note concrete has not been poured at the site depicted in the photo. The well is shown behind the junction box in this photo.

Please let me know if you require additional info.

Thank you

Greg

Greg Barry, PE
Pipeline Engineer -Field Engineering West
KINDER MORGAN
931 W. Gila Bend Highway
Casa Grande, AZ 85122
520-424-0321 - office
520-909-4088 - cell
gregory_barry@kindermorgan.com



Arizona Department of Water Resources

1110 West Washington Street, Suite 310

Phoenix AZ 85007

Customer:

TIERRA CORROSION CONTROL
1608 SCHOFIELD LANE
FARMINGTON, NM 87401

Receipt #: 17-46717
Office: MAIN OFFICE
Receipt Date: 08/09/2016
Sale Type: IN_PERSON
Cashier: WRSYM

Item No.	Function Code	AOBJ	Description	Ref ID	Qty	Unit Price	Ext Price
67488	122221	4439-TT	Notice of intention to drill a well other than a well described in subsection (A)(1)(h) of this Section	226311	1	150.00	150.00
RECEIPT TOTAL:							150.00

Payment type: CHECK

Amount Paid: \$150.00

Payment Received Date: 08/09/2016

Check # 31417

Notes: FROM TTA.